

SUPPLEMENTAL QUALIFICATIONS STATEMENT  
Mid-Level  
Powerplant Operator, Junior, BB-5407

Applicant Name:

Vacancy Notice No.: BOR-DEGP-MT-03-26 Powerplant Operator, Jr. (Mid-level)

Element 1: Ability to do the work of an Powerplant Operator, Junior, without more than normal supervision. (SCREEN OUT - Requires at least 2 points for this factor to meet minimum qualifications).

- (A) Indicate which of the following courses you have taken and indicate where taken (High School, Vocational Center, College, etc.)

Where Taken

\_\_\_\_ Algebra  
\_\_\_\_ Geometry  
\_\_\_\_ Trigonometry  
\_\_\_\_ Chemistry  
\_\_\_\_ Physics  
\_\_\_\_ Shop Math  
\_\_\_\_ Electricity  
\_\_\_\_ Electronics

- (B) Indicate experience you have had with electrical generating units, show where experience was gained, and indicate type of supervision (e.g., constant, occasional, or no supervision):

Element 2: Knowledge of hydropower plant equipment, machinery, and measuring instruments used in a powerplant. Indicate your experience in the use of the following and show item number from application or resume where experience was gained:

- (A) Indicate which of the following you have had responsibility for and describe type of facility you were employed at:

Control Room Recorders  
Meters  
Alarm Systems  
Oil Circuit Breakers  
Cubicle Type Circuit Breakers  
Excitation System  
Compressors  
Auxiliary Electrical Equipment  
Auxiliary Mechanical Equipment  
Power Transformers  
Communications Equipment  
Voltage Regulators  
Air-Blast Circuit Breakers  
Governors  
Protective Relaying  
Ohmmeters  
Voltmeters  
Watt Hour Meters  
Voltage Recorders  
Programmable Logic Controllers  
Personal Computers  
Pressure Indicators  
Headgate Hydraulic Control Systems  
\_\_\_\_\_Water  
Conveyance Systems\_\_\_\_\_Radial, Sluice  
Gates\_\_\_\_\_Selsyn Level Recorders  
and Control Systems

Colmination Readings  
Staffing Gauge\_\_\_\_\_Uplift  
Pressure Gauges\_\_\_\_\_Water  
Observation Wells Readings and Temperatures  
\_\_\_\_\_Automatic Remote Control  
Systems

Element 3: Knowledge of shop practices.

- (A) Indicate experience which shows your ability to plan, lay out, set up, and carry through on jobs; make modifications in equipment: etc. This experience would have required adhering to good work practices and to standard shop practices in conserving materials, economically accomplishing assignments, etc. Also indicate where this experience was gained:

Element 4: Ability to follow directions in a shop.

- (A) Indicate experience in the following:

<u>TYPE OF PLANT</u>	<u>SWITCHYARD</u>	<u>SIZE OF INDIVIDUAL UNITS</u>
<input type="checkbox"/> Hydroelectric	<input type="checkbox"/> Single Buss	At the plant where you have gained most of your experience. (Check One)
<input type="checkbox"/> Peaking		
<input type="checkbox"/> River Flow	<input type="checkbox"/> Double Buss	
<input type="checkbox"/> Blocked Load	<input type="checkbox"/> Single Breaker	
<input type="checkbox"/> Pumped-Storage	<input type="checkbox"/> Double Breaker	<input type="checkbox"/> Less than 1000 KW
<input type="checkbox"/> Thermal	<input type="checkbox"/> Ring Buss	<input type="checkbox"/> 1 - 10 MW
<input type="checkbox"/> Diesel Engine	<input type="checkbox"/> Straight Buss, Sectionalized	<input type="checkbox"/> 10 - 50 MW
<input type="checkbox"/> Gas Turbine	_____ Voltage Level	<input type="checkbox"/> 50 - 150 MW
<input type="checkbox"/> Pumping Plant	_____ Number of Lines	<input type="checkbox"/> Greater than 150 MW
<u>NUMBER OF UNITS</u>		
(Check One)		
<input type="checkbox"/> 1	<input type="checkbox"/> 2 - 4	<input type="checkbox"/> 5 - 10
		<input type="checkbox"/> More than 10
<u>OPERATING MODE</u>		
<input type="checkbox"/> Load Controlled Remotely:		<input type="checkbox"/> Governors

- |  |   |
|--|---|
| <input type="checkbox"/> Analog System   | <input type="checkbox"/> Mechanical                                       |
| <input type="checkbox"/> Digital System  | <input type="checkbox"/> Solid State                                      |
| <input type="checkbox"/> Manual  | <input type="checkbox"/> Protective Relaying                              |
| <input type="checkbox"/> Semiautomatic   | <input type="checkbox"/> Differential Schemes                             |
| <input type="checkbox"/> Automatic   | <input type="checkbox"/> Breaker Failure                                  |
| <input type="checkbox"/> Remote Control of Another Station                               | <input type="checkbox"/> Negative Phase Sequence                          |
| <input type="checkbox"/> Computer Data-Acquisition and Control                           | <input type="checkbox"/> Overvoltage/Overcurrent                          |
| <input type="checkbox"/> Communications Equipment including Radio & Telephone Procedures | <input type="checkbox"/> Loss of Field                                    |
| <input type="checkbox"/> Voltage Regulators  | <input type="checkbox"/> Ground (Stator/Field)                            |
| <input type="checkbox"/> Air-Blast Circuit Breakers                                      | <input type="checkbox"/> Carrier Relay Schemes                            |
|  | <input type="checkbox"/> Over/Under Frequency                             |
|  | <input type="checkbox"/> Line Distance Relays                             |
|  | <input type="checkbox"/> Auxiliary Electrical and/or Mechanical Equipment |

- (B) Describe experience which shows your knowledge of proper operation of equipment and auxiliaries, auxiliary equipment related to major plant equipment, and type of supervision, or experience which shows your ability to follow instructions:

Element 5: Ability to use prints and drawings used in a powerplant. Indicate your experience in the use of the following and show item number from SF-171 or OP-612 where experience was gained:

Technical Manuals and Bulletins

Blueprints (Electrical)\_\_\_\_\_

\_\_\_\_\_

Designer's Operating Criteria\_\_\_\_\_

\_\_\_\_\_

Work Orders (Written)\_\_\_\_\_

\_\_\_\_\_

Tables\_\_\_\_\_

\_\_\_\_\_

Graphs

\_\_\_\_\_

\_\_\_\_\_

Standard Operating Procedures\_\_\_\_\_

\_\_\_\_\_

Dispatcher's Orders\_\_\_\_\_

\_\_\_\_\_

Element 6: Dexterity and Safety. Indicate experience which shows you are aware of safety rules and regulations and show where experience was gained. List dates and names of safety courses you have taken:

Element 7: Ability to work as a member of a team.  
(Check the following which pertain to you.)

Fair  
( )

Excellent  
( )

Ability to remember the status of pertinent equipment in emergency situations.

( )

( )

Ability to restore equipment in case of system trouble.

Indicate if you have had experience working with the following:

- ( ) Generating dispatchers
- ( ) Holding and control dispatchers
- ( ) Other Federal agencies
- ( ) Crafts and plant employees
- ( ) Public
- ( ) Others (list)

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Element 8: Knowledge of dam and reservoir operation. Indicate your experience in the element and show the item number from your SF-171 or OP-612, where the experience was gained.

- (A) Operation of a dam with flood control allocation: YES ( ) NO ( )  
Name of dam
- (B) Operation of an irrigation system or navigation lock: YES ( ) NO ( )  
Type of facility
- (C) Indicate the experience you have had with the following:  
( ) Farm irrigation  
  
( ) Golf course irrigation  
  
( ) Municipal storm drain systems  
  
( ) Potable water supply systems

REVIEW AND CERTIFICATION: After completing the application and this form, look them over carefully to make sure that both have been signed and that you have answered all items. STATEMENTS CONCERNING QUALIFICATIONS MAY BE VERIFIED AND EXAGGERATION OR MISSTATEMENTS MY BE CAUSE FOR YOUR DISQUALIFICATION OR LATER REMOVAL FROM THE SERVICE.

I certify that all of the statements made in this form are true, complete, and correct to the best of my knowledge and brief and are made in good faith.

Your signature (sign in ink)

Date